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FILE 'HOME' ENTERED AT 16:27:28 ON 10 AUG 2005

=> file registry
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL SESSION 0.21 0.21

FILE 'REGISTRY' ENTERED AT 16:27:48 ON 10 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 AUG 2005 HIGHEST RN 859282-03-4 DICTIONARY FILE UPDATES: 9 AUG 2005 HIGHEST RN 859282-03-4

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

```
=> E "4-HYDROXYTAMOXIFEN"/CN 25
```

```
E1
             1
                   4-HYDROXYSTYRYL PHENYL KETONE POTASSIUM SALT/CN
E2
             1
                   4-HYDROXYTACRINE/CN
E3
             1 --> 4-HYDROXYTAMOXIFEN/CN
E4
             1
                   4-HYDROXYTAMOXIFEN ACID/CN
                   4-HYDROXYTECOMANINE/CN
E5
             1
E6
                   4-HYDROXYTESTOSTERONE/CN
                   4-HYDROXYTESTOSTERONE 17-HEMISUCCINATE/CN
E7
                   4-HYDROXYTESTOSTERONE 17-TERT-BUTYLDIMETHYLSILYL ETHER/CN
E8
                   4-HYDROXYTESTOSTERONE 4-HEMIGLUTARATE/CN
Ε9
             1
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E10
E11
                   4-HYDROXYTETRACHLOROBENZONITRILE/CN
                   4-HYDROXYTETRACHLOROPYRIDINE/CN
E12
                   4-HYDROXYTETRACYCLOXIDE/CN
E13
```

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
Welcome to STN International
NEWS
      1
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS
      2
                 "Ask CAS" for self-help around the clock
NEWS
         FEB 28
                 PATDPAFULL - New display fields provide for legal status
                 data from INPADOC
NEWS
      4
         FEB 28
                 BABS - Current-awareness alerts (SDIs) available
NEWS
         MAR 02
                 GBFULL: New full-text patent database on STN
         MAR 03
NEWS
      6
                 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS
      7
         MAR 03
                 MEDLINE file segment of TOXCENTER reloaded
        MAR 22
NEWS
      8
                 KOREAPAT now updated monthly; patent information enhanced
      9 MAR 22
NEWS
                 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS
      10 MAR 22
                 PATDPASPC - New patent database available
NEWS
      11 MAR 22
                 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS
      12 APR 04
                 EPFULL enhanced with additional patent information and new
                 fields
NEWS
      13 APR 04
                 EMBASE - Database reloaded and enhanced
NEWS
      14 APR 18
                 New CAS Information Use Policies available online
                 Patent searching, including current-awareness alerts (SDIs),
NEWS
      15 APR 25
                 based on application date in CA/CAplus and USPATFULL/USPAT2
                 may be affected by a change in filing date for U.S.
                 applications.
NEWS
      16 APR 28
                 Improved searching of U.S. Patent Classifications for
                 U.S. patent records in CA/CAplus
NEWS
      17 MAY 23
                 GBFULL enhanced with patent drawing images
NEWS
      18 MAY 23
                 REGISTRY has been enhanced with source information from
                 CHEMCATS
NEWS
      19 JUN 06
                 The Analysis Edition of STN Express with Discover!
                 (Version 8.0 for Windows) now available
NEWS
      20 JUN 13
                 RUSSIAPAT: New full-text patent database on STN
NEWS
      21 JUN 13
                 FRFULL enhanced with patent drawing images
NEWS
      22 JUN 27
                 MARPAT displays enhanced with expanded G-group definitions
                 and text labels
NEWS
      23 JUL 01
                 MEDICONF removed from STN
      24 JUL 07
NEWS
                 STN Patent Forums to be held in July 2005
NEWS
      25 JUL 13
                 SCISEARCH reloaded
NEWS
      26 JUL 20
                 Powerful new interactive analysis and visualization software,
                 STN AnaVist, now available
NEWS EXPRESS
              JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
NEWS HOURS
              STN Operating Hours Plus Help Desk Availability
NEWS INTER
              General Internet Information
NEWS LOGIN
              Welcome Banner and News Items
NEWS PHONE
              Direct Dial and Telecommunication Network Access to STN
NEWS WWW
              CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that specific topic.

```
E14
                   4-HYDROXYTETRADECANE/CN
E15
             1
                   4-HYDROXYTETRAFLUOROBENZOIC ACID/CN
E16
             1
                   4-HYDROXYTETRAFLUOROBENZOIC ACID 1-METHYLHEPTYL ESTER/CN
E17
             1
                   4-HYDROXYTETRAFLUOROBENZOIC ACID OCTYL ESTER/CN
E18
             1
                   4-HYDROXYTETRAFLUOROPYRIDINE/CN
E19
             1
                   4-HYDROXYTETRAFLUOROPYRIDINE POTASSIUM SALT/CN
E20
             1
                   4-HYDROXYTETRAFLUOROPYRIDINE SODIUM SALT/CN
E21
             1
                   4-HYDROXYTETRAHYDRO-2H-PYRAN/CN
E22
             1
                   4-HYDROXYTETRAHYDRO-3-FURANYL NITRITE/CN
E23
            1
                   4-HYDROXYTETRAHYDROFURAN-2, 4-DIMETHANOL/CN
E24
             1
                   4-HYDROXYTETRAHYDROFURAN-2-METHANOL/CN
E25
             1
                   4-HYDROXYTETRAHYDROPYRAN/CN
=> S E3
             1 4-HYDROXYTAMOXIFEN/CN
=> DIS L1 1 SOIDE
THE ESTIMATED COST FOR THIS REQUEST IS 6.15 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y) / N:Y
L1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN
     68047-06-3 REGISTRY
     Phenol, 4-[(12)-1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl-1-butenyl]-
     (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
     Phenol, 4-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl-1-butenyl]-,
     (Z) -
OTHER NAMES:
     (Z)-4-Hydroxytamoxifen
     4-Hydroxytamoxifen
CN
     4-[(1Z)-1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl-1-butenyl]phenol
     Hydroxytamoxifen
CN
     ICI 79280
CN
     trans-4-Hydroxytamoxifen
CN
     trans-Hydroxytamoxifen
CN
FS
     STEREOSEARCH
     65213-48-1, 72732-26-4, 76276-99-8
DR
MF
     C26 H29 N O2
CI
LC
     STN Files:
                ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
       BIOTECHNO, CA, CAPLUS, CASREACT, CEN, CHEMCATS, CIN, CSCHEM, DDFU,
       DRUGU, EMBASE, IMSDRUGNEWS, IPA, NIOSHTIC, PHAR, PROMT, RTECS*,
       TOXCENTER, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
DT.CA CAplus document type: Conference; Dissertation; Journal; Patent
RL.P
       Roles from patents: ANST (Analytical study); BIOL (Biological study);
       FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process);
       PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.P
       Roles for non-specific derivatives from patents: BIOL (Biological
       study); PREP (Preparation); PROC (Process); USES (Uses)
       Roles from non-patents: ANST (Analytical study); BIOL (Biological
       study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
       (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
       reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
       study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation);
       PROC (Process); PRP (Properties); USES (Uses)
Double bond geometry as shown.
/ Structure 1 in file .gra /
```

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

## 1268 REFERENCES IN FILE CA (1907 TO DATE) 35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA 1273 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file medline
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 7.30 7.51

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 16:28:48 ON 10 AUG 2005

FILE LAST UPDATED: 9 AUG 2005 (20050809/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

The MEDLINE reload for 2005 is now available. For details enter HELP RLOAD at an arrow promt (=>). See also:

http://www.nlm.nih.gov/mesh/ http://www.nlm.nih.gov/pubs/techbull/nd04/nd04 mesh.html

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11

L2 0 L1

=> s 4-HYDROXYTAMOXIFEN/CN

L3 666 4-HYDROXYTAMOXIFEN/CN (10 TERMS) ("4-HYDROXYTAMOXIFEN"+XUSE/CN)

=> s breast or mammar?

197959 BREAST

3409 BREASTS

198389 BREAST

(BREAST OR BREASTS)

54038 MAMMAR?

L4 233739 BREAST OR MAMMAR?

=> s density

243455 DENSITY

24925 DENSITIES

L5 256821 DENSITY

(DENSITY OR DENSITIES)

=> s 15 (S) 14

L6 1500 L5 (S) L4

=> s 16 and 13

L7 2 L6 AND L3

=> d ibib 1-2

L7 ANSWER 1 OF 2 MEDLINE on STN ACCESSION NUMBER: 84155068 MEDLINE DOCUMENT NUMBER: PubMed ID: 6671136

TITLE:

Interaction of [3H] estradiol - and [3H]

monohydroxytamoxifen-estrogen receptor complexes with a

monoclonal antibody.

AUTHOR: Tate A C; DeSombre E R; Greene G L; Jensen E V; Jordan V C

CONTRACT NUMBER: P30-CA-14520 (NCI)

SOURCE: Breast cancer research and treatment, (1983) 3 (3) 267-77.

Journal code: 8111104. ISSN: 0167-6806.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198405

ENTRY DATE: Entered STN: 19900319

Last Updated on STN: 19970203 Entered Medline: 19840502

L7 ANSWER 2 OF 2 MEDLINE on STN ACCESSION NUMBER: 84106548 MEDLINE DOCUMENT NUMBER: PubMed ID: 6692388

TITLE: Differences between estrogen- and antiestrogen-estrogen

receptor complexes from human breast tumors identified with

an antibody raised against the estrogen receptor.

AUTHOR: Tate A C; Greene G L; DeSombre E R; Jensen E V; Jordan V C

CONTRACT NUMBER: P30-CA-14520 (NCI)

SOURCE: Cancer research, (1984 Mar) 44 (3) 1012-8.

Journal code: 2984705R. ISSN: 0008-5472.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198403

ENTRY DATE: Entered STN: 19900319

Last Updated on STN: 19970203 Entered Medline: 19840323

=> file caplus

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
1.50
9.01

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FILE COVERS 1907 - 10 Aug 2005 VOL 143 ISS 7 FILE LAST UPDATED: 9 Aug 2005 (20050809/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 4-HYDROXYTAMOXIFEN/CN
REG1stRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

```
L9 1273 L8
=> s breast or mammar?
        62426 BREAST
          523 BREASTS
        62610 BREAST
               (BREAST OR BREASTS)
       77390 MAMMAR?
L10
      101462 BREAST OR MAMMAR?
=> s density
       269024 DENSITY
       114999 DENSITIES
       358546 DENSITY
L11
               (DENSITY OR DENSITIES)
=> s 110 (S) 111
L12 235 L10 (S) L11
=> s 112 and 19
L13 1 L12 AND L9
=> s dens? .
L14 496119 DENS?
=> s 114 and 110
L15 949 L14 AND L10
=> s 115 and 19
L16 3 L15 AND L9
=> d ibib 1-3
L16 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:531338 CAPLUS
DOCUMENT NUMBER:
                      141:65145
TITLE:
                      Reduction of breast density with
                     4-hydroxy tamoxifen
INVENTOR(S):
                     Bua, Jay
                    Laboratoires Besins International, Fr.
PATENT ASSIGNEE(S):
SOURCE:
                     PCT Int. Appl., 31 pp.
                     CODEN: PIXXD2
DOCUMENT TYPE:
                     Patent
LANGUAGE:
                      English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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PATENT NO.	KIND DAT	E APPLIC	CATION NO.	DATE
WO 2004054558	A2 200	40701 WO 200	03-EP15030	20031215
WO 2004054558	A3 200	41028		
W: AE, AG,	L, AM, AT, AU	, AZ, BA, BB, F	BG, BR, BY, BZ,	CA, CH, CN,
CO, CR,	CU, CZ, DE, DK	, DM, DZ, EC, F	EE, ES, FI, GB,	GD, GE, GH,
GM, HR,	U, ID, IL, IN	, IS, JP, KE, F	KG, KP, KR, KZ,	LC, LK, LR,
LS, LT,	U, LV, MA, MD	, MG, MK, MN, N	MW, MX, MZ, NI,	NO, NZ, OM,
PG, PH,	L, PT, RO, RU	, SC, SD, SE, S	SG, SK, SL, SY,	TJ, TM, TN,
TR, TT,	Z, UA, UG, UZ	, VC, VN, YU, 2	ZA, ZM, ZW	
RW: BW, GH,	M, KE, LS, MW	, MZ, SD, SL, S	SZ, TZ, UG, ZM,	ZW, AM, AZ,

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BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
             ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
             TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     US 2004138314
                          A1
                                20040715
                                            US 2003-734644
                                                                    20031215
PRIORITY APPLN. INFO.:
                                            US 2002-433958P
                                                                 P 20021218
L16 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:
                         1985:558391 CAPLUS
DOCUMENT NUMBER:
                         103:158391
TITLE:
                         Selection and characterization of a breast
                         cancer cell line resistant to the antiestrogen LY
                         117018
AUTHOR(S):
                         Bronzert, Diane A.; Greene, Geoffrey L.; Lippman, Marc
CORPORATE SOURCE:
                         Med. Branch, Natl. Cancer Inst., Bethesda, MD, 20205,
                         Endocrinology (1985), 117(4), 1409-17
SOURCE:
                         CODEN: ENDOAO; ISSN: 0013-7227
DOCUMENT TYPE:
                         Journal
LANGUAGE:
                         English
L16 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
                         1985:481986 CAPLUS
ACCESSION NUMBER:
DOCUMENT NUMBER:
                         103:81986
TITLE:
                         Characterization of the subunit nature of nuclear
                         estrogen receptors by chemical cross-linking and
                         dense amino acid labeling
                         Miller, Margaret Ann; Mullick, Alaka; Greene, Geoffrey
AUTHOR(S):
                         L.; Katzenellenbogen, Benita S.
CORPORATE SOURCE:
                         Dep. Physiol. Biophys., Univ. Illinois, Urbana, IL,
                         61801, USA
                         Endocrinology (1985), 117(2), 515-22
SOURCE:
                         CODEN: ENDOAO; ISSN: 0013-7227
DOCUMENT TYPE:
                         Journal
                         English
LANGUAGE:
=> d his
     (FILE 'HOME' ENTERED AT 16:27:28 ON 10 AUG 2005)
     FILE 'REGISTRY' ENTERED AT 16:27:48 ON 10 AUG 2005
                E "4-HYDROXYTAMOXIFEN"/CN 25
              1 S E3
L1
     FILE 'MEDLINE' ENTERED AT 16:28:48 ON 10 AUG 2005
L2
              0 S L1
            666 S 4-HYDROXYTAMOXIFEN/CN
L3
         233739 S BREAST OR MAMMAR?
L4
L5
         256821 S DENSITY
           1500 S L5 (S) L4
Ь6
L7
              2 S L6 AND L3
     FILE 'CAPLUS' ENTERED AT 16:30:37 ON 10 AUG 2005
                S 4-HYDROXYTAMOXIFEN/CN
     FILE 'REGISTRY' ENTERED AT 16:30:42 ON 10 AUG 2005
^{18}
              1 S 4-HYDROXYTAMOXIFEN/CN
     FILE 'CAPLUS' ENTERED AT 16:30:43 ON 10 AUG 2005
L9
           1273 S L8
L10
         101462 S BREAST OR MAMMAR?
L11
         358546 S DENSITY
L12
            235 S L10 (S) L11
L13
              1 S L12 AND L9
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L15
           949 S L14 AND L10
L16
             3 S L15 AND L9
=> s cancer? or tumor? or neoplas?
       265968 CANCER?
       398752 TUMOR?
       417935 NEOPLAS?
       659727 CANCER? OR TUMOR? OR NEOPLAS?
L17
=> s 117 and 110
L18 73400 L17 AND L10
=> s 118 (S) 110
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L18 (S) L10'
       73400 L18 (S) L10
=> s 117 (S) 110
L20
    69226 L17 (S) L10
=> s 120 and 18
         1273 L8
L21
          493 L20 AND L8
=> s 121 and percutan?
         8318 PERCUTAN?
L22
            4 L21 AND PERCUTAN?
=> d ibib 1-22
L22 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:
                       2004:857374 CAPLUS
DOCUMENT NUMBER:
                       141:325697
TITLE:
                       Prevention and treatment of breast
                        cancer with 4-hydroxytamoxifen
INVENTOR(S):
                        Salin-Drouin, Dominique; Wepierre, Jacques; Rouanet,
                        Philippe
PATENT ASSIGNEE(S):
                        Laboratoires Besins International, Fr.
SOURCE:
                        PCT Int. Appl., 46 pp.
                        CODEN: PIXXD2
DOCUMENT TYPE:
                        Patent
LANGUAGE:
                        English
FAMILY ACC. NUM. COUNT:
                        1
PATENT INFORMATION:
    PATENT NO.
                                        APPLICATION NO.
                       KIND
                              DATE
                                                                DATE
                                         -----
    _____
                       ____
                                                                -----
                       A1 20041014 WO 2003-EP15029 20031215
    WO 2004087123
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
            CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
            PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
            TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
            BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
            ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
            TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
                       A1
                            20050210 US 2003-734638
                                                          20031215
    US 2005031695
PRIORITY APPLN. INFO.:
                                                             P 20030401
                                          US 2003-458963P
                        7
REFERENCE COUNT:
                             THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
                             RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
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L22 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

L14

496119 S DENS?

ACCESSION NUMBER:

2003:103660 CAPLUS

DOCUMENT NUMBER:

139:94939

TITLE:

Effect of 4-hydroxytamoxifen isomers on growth and

ultrastructural aspects of normal human breast

epithelial (HBE) cells in culture

AUTHOR(S):

Malet, Catherine; Spritzer, Poli; Cumins, Caroline; Guillaumin, Delhy; Mauvais-Jarvis, Pierre; Kuttenn,

Frederique

CORPORATE SOURCE:

Department of Endocrinology and Reproductive Medicine,

Hopital Necker, Paris, 75743, Fr.

SOURCE:

Journal of Steroid Biochemistry and Molecular Biology

(2003), Volume Date 2002, 82(4-5), 289-296

CODEN: JSBBEZ; ISSN: 0960-0760

PUBLISHER:

Elsevier Science Ltd.

DOCUMENT TYPE:

Journal

LANGUAGE:

English

REFERENCE COUNT:

53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER:

1995:935564 CAPLUS

DOCUMENT NUMBER:

124:44960

TITLE: Phase I study of percutaneous

4-hydroxy-tamoxifen with analyses of

4-hydroxy-tamoxifen concentrations in breast

cancer and normal breast tissue

AUTHOR(S):

Pujol, Henri; Girault, Jacques; Rouanet, Philippe; Fournier, Sabine; Grenier, Jean; Simony, Joelle;

Fourtillan, Jean-Bernard; Pujol, Jean-Louis

CORPORATE SOURCE:

Cancer Institute, Montpellier University, Montpellier,

F-34298, Fr.

SOURCE:

Cancer Chemotherapy and Pharmacology (1995), 36(6),

493-8

CODEN: CCPHDZ; ISSN: 0344-5704

PUBLISHER:

Springer Journal

DOCUMENT TYPE: LANGUAGE:

English

L22 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER:

1985:620824 CAPLUS

DOCUMENT NUMBER:

103:220824

TITLE:

Antiestrogen drug for percutaneous

administration

INVENTOR(S):

Mauvais Jarvis, Pierre; Kuttenn, Frederique

PATENT ASSIGNEE(S):

Fr.

SOURCE:

PCT Int. Appl., 15 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

French

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PA:	TENT NO.		KINI	D DATE	APPLICATION NO.	DATE
WO	8503228 W: DK,	JP,	A1 US	19850801	WO 1984-EP436	19841221
	RW: AT,	BE,	CH, DE,	FR, GB, LU,	NL, SE	
FR	2558373		A1	19850726	FR 1984-927	19840120
FR	2558373		B1	19870703		
EΡ	151326		A1	19850814	EP 1984-201920	19841219
EΡ	151326		B1	19890712		
	R: IT					
ΕP	169214		A1	19860129	EP 1985-900469	19841221
ΕP	169214		B1	19920311		
	R: AT,	BE,	CH, DE,	FR, GB, LI,	LU, NL, SE	

JP 61500914	<b>T</b> 2	19860508	JP 1985-500495		19841221
JP 06067826	B4	19940831			
AT 73334	E	19920315	AT 1985-900469		19841221
US 4919937	Α	19900424	US 1985-777786		19850913
DK 8504203	A	19850917	DK 1985-4203		19850917
DK 155143	В	19890220			
DK 155143	С	19890703			
PRIORITY APPLN. INFO.:			FR 1984-927	A	19840120
			EP 1985-900469	Α	19841221
			WO 1984-EP436	W	19841221

## => d kwic 4

L22 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

TI Antiestrogen drug for percutaneous administration

AB The title drug is a hydroalc. gel containing hydroxytamoxifen [1-(p- $\beta$ -dimethylaminoethoxyphenyl)-trans-1-(p-hydroxyphenethylbut-1-ene](I) [68047-06-3] and progesterone [57-83-0]. I is used for the treatment of breast affections, particularly benign cancerous affections. Thus, a gel is given, containing progesterone 1.5, I 0.15, Carbopal 934 1, triethanolamine 1.5 g, EtOH 50 mL,. .

ST topical antiestrogen pharmaceutical breast cancer

IT Neoplasm inhibitors

(antiestrogen pharmaceuticals, for percutaneous administration)

IT Estrogens

RL: BSU (Biological study, unclassified); BIOL (Biological study) (inhibitors, pharmaceuticals, for percutaneous administration)

IT Mammary gland

(neoplasm, treatment of, topical antiestrogen pharmaceuticals for) .

IT 68047-06-3

RL: BIOL (Biological study)

(antiestrogen pharmaceuticals containing, for percutaneous administration)

IT 57-83-0, biological studies

RL: BIOL (Biological study)

(pharmaceuticals containing hydroxytamoxifen and, for percutaneous administration)

## => file pctfull COST IN U.S. DOLLARS FULL ESTIMATED COST

SINCE FILE TOTAL
ENTRY SESSION
28.29 42.78

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL ENTRY SESSION

CA SUBSCRIBER PRICE ENTRY SESSION -0.73 -0.73

FILE 'PCTFULL' ENTERED AT 16:35:38 ON 10 AUG 2005 COPYRIGHT (C) 2005 Univentio

FILE LAST UPDATED:

9 AUG 2005, 200531 <20050809/UP> <200531/EW>

MOST RECENT UPDATE WEEK: FILE COVERS 1978 TO DATE

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=> s hydroxytamoxifen

L23 268 HYDROXYTAMOXIFEN

=> s cancer? or tumor? or neoplas?

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70495 CANCER?
         59135 TUMOR?
         20255 NEOPLAS?
L24
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L25
         34444 BREAST OR MAMMAR?
=> s 124 (S) 125
        26782 L24 (S) L25
=> s dens?
L27
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L29
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=> s 129 and dense
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L31
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L32
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=> d ibib 1-5
      ANSWER 1 OF 10
                        PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER:
                        2001074377 PCTFULL ED 20020822.
TITLE (ENGLISH):
                        NON-MAMMALIAN GNRH ANALOGS AND USES THEREOF IN TUMOR
                        CELL GROWTH REGULATION AND CANCER THERAPY
TITLE (FRENCH):
                        ANALOGUES DE GNRH NON MAMMIFERE ET LEURS UTILISATIONS
                        POUR LA REGULATION DE LA CROISSANCE DE CELLULES
                        TUMORALES ET POUR LE TRAITEMENT DES CANCERS
                        SILER-KHODR, Theresa, M.;
INVENTOR(S):
                        KHODR, Gabriel, S.
PATENT ASSIGNEE(S):
                        SILER-KHODR, Theresa, M.;
                        KHODR, Gabriel, S.
DOCUMENT TYPE:
                        Patent
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PATENT INFORMATION:

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NUMBER
                                        KIND DATE
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                        WO 2001074377 A1 20011011
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                       DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
                       CM GA GN GW ML MR NE SN TD TG
                       WO 2000-US26575 A 20000926
APPLICATION INFO .:
PRIORITY INFO.:
                       US 2000-09/540,685
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       ANSWER 2 OF 10
L34
                       PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER:
                       2001063292 PCTFULL ED 20020822
TITLE (ENGLISH):
                       COMPOSITIONS AND METHODS OF USE OF HET, A NOVEL
                       MODULATOR OF ESTROGEN ACTION
TITLE (FRENCH):
                       COMPOSITIONS ET UTILISATIONS DE HET, UN NOUVEAU
                       MODULATEUR DE L'ACTION OESTROGENIQUE
INVENTOR(S):
                       OESTERREICH, Steffi;
                       OSBORNE, C., Kent;
                       LEE, Adrian, V.;
                       FUQUA, Suzanne, A.W.
PATENT ASSIGNEE(S):
                       BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM;
                       OESTERREICH, Steffi;
                       OSBORNE, C., Kent;
                       LEE, Adrian, V.;
                       FUQUA, Suzanne, A.W.
DOCUMENT TYPE:
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PATENT INFORMATION:
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                       NUMBER
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                       WO 2001063292
                                     A2 20010830
DESIGNATED STATES
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                       MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
                       TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD
                       SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
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APPLICATION INFO.: WO 2001-US6135 A 20010222 PRIORITY INFO.: US 2000-60/184,097 20000222
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       ANSWER 3 OF 10
                       PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER:
                       2001000245 PCTFULL ED 20020828
TITLE (ENGLISH):
                       HUMANIZED ANTI-ErbB2 ANTIBODIES AND TREATMENT WITH
                       ANTI-ErbB2 ANTIBODIES
TITLE (FRENCH):
                       ANTICORPS ANTI-ERBB2 HUMANISES ET TRAITEMENT A L'AIDE
                       DE CES ANTICORPS
INVENTOR(S):
                       ADAMS, Camellia, W.;
                       PRESTA, Leonard, G.;
                       SLIWKOWSKY, Mark
PATENT ASSIGNEE(S):
                       GENENTECH, INC.
DOCUMENT TYPE:
                       Patent
PATENT INFORMATION:
                                   KIND
                       NUMBER
                                                DATE
                       WO 2001000245 A2 20010104
DESIGNATED STATES
                       AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
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                       CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
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APPLICATION INFO .: WO 2000-US17366 A 20000623 PRIORITY INFO.: US 1999-60/141,316 19990625

ANSWER 4 OF 10 L34 ACCESSION NUMBER: TITLE (ENGLISH):

COPYRIGHT 2005 Univentio on STN PCTFULL 2001000244 PCTFULL ED 20020828

METHODS OF TREATMENT USING ANTI-ErbB

ANTIBODY-MAYTANSINOID CONJUGATES TITLE (FRENCH):

TECHNIQUES DE TRAITEMENT UTILISANT DES CONJUGUES

MAYTANSINOIDES-ANTICORPS ANTI-ERBB

INVENTOR(S):

ERICKSON, Sharon; SCHWALL, Ralph

PATENT ASSIGNEE(S):

GENENTECH, INC.; ERICKSON, Sharon; SCHWALL, Ralph Patent

DOCUMENT TYPE:

PATENT INFORMATION:

NUMBER KIND DATE WO 2001000244 A2 20010104

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO .: PRIORITY INFO.:

WO 2000-US17229 A 20000623 US 1999-60/141,316 19990625 US 2000-60/189,844 20000316

ANSWER 5 OF 10 ACCESSION NUMBER:

PCTFULL COPYRIGHT 2005 Univentio on STN

2001000238 PCTFULL ED 20020828

TITLE (ENGLISH): TITLE (FRENCH):

TREATING PROSTATE CANCER WITH ANTI-ErbB2 ANTIBODIES TRAITEMENT DU CANCER DE LA PROSTATE A L'AIDE DES

ANTICORPS ANTI-ERBB2

INVENTOR(S):

AGUS, David, B.; SCHER, Howard, I.; SLIWKOWSKI, Mark, X.

PATENT ASSIGNEE(S):

GENENTECH, INC.;

SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER KIND DATE WO 2001000238 A1 20010104

DESIGNATED STATES

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CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2000-US17423 A 20000623 PRIORITY INFO.: US 1999-60/141,315 19990625

L38

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L2
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L4
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L5
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L6
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     FILE 'REGISTRY' ENTERED AT 16:30:42 ON 10 AUG 2005
L8
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     FILE 'CAPLUS' ENTERED AT 16:30:43 ON 10 AUG 2005
L9
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L10
         101462 S BREAST OR MAMMAR?
         358546 S DENSITY
L11
L12
            235 S L10 (S) L11
L13
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L14
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L15
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L16
              3 S L15 AND L9
         659727 S CANCER? OR TUMOR? OR NEOPLAS?
L17
L18
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L19
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L21
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L25
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       179779 DENSIT?
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11 L37 AND DENSIT?

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                                  COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER:
                        1992004310 PCTFULL ED 20020513
TITLE (ENGLISH):
                        TRIARYLETHYLENE CARBOXYLIC ACIDS WITH ESTROGENIC
                        ACTIVITY
TITLE (FRENCH):
                        ACIDES CARBOXYLIQUES DE TRIARYLETHYLENE A ACTIVITE
                        ESTROGENE
INVENTOR(S):
                        PETER, C., Ruenitz
PATENT ASSIGNEE(S):
                        UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
LANGUAGE OF PUBL.:
                        English
DOCUMENT TYPE:
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PATENT INFORMATION:
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                        WO 9204310
                                            A1 19920319
DESIGNATED STATES
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                        AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE
APPLICATION INFO.:
                        WO 1991-US6266
                                            A 19910830
                        US 1990-579,398
PRIORITY INFO.:
                                                19900907
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L39
       ANSWER 1 OF 1
                         PCTFULL
                                   COPYRIGHT 2005 Univentio on STN
ABEN . . . the RCOOH and X moieties are either
       meta or para to the phenyl ethylene linkage. Examples of active
       compounds include 4-hydroxytamoxifen
       acid, 3-hydroxytamoxifen acid, 4-[1-(p-hydroxyphenyl)-2-phenyl-
       1-buten-yl]benzoic acid and
       4-[1-(p-hydroxyphenyl)-2-phenyl-1-buten-yl]phenylacetic acid.
       Compositions containing these
       triarylethylene carboxylic acids can be administered to patients to
       alleviate medical. .
ABFR .
       . . meta soit para
       par rapport a la liaison ethylene phenylique. On peut citer a titre
       d'exemples de composes actifs
       l'acide 4-hydroxytamoxifen, l'acide 3-hydroxytamoxifen
       , l'acide
       4-[1-(p-hydroxyphenyle)-2-phenyle-1-butene-yl]benzoique et l'acide
       4-[1-(p-hydroxyphenyle)-2-phenyle-1-butene-yl]phenylacetique. On peut
       administrer des compositions
       contenant ces acides carboxyliques de triarylethylene a des patients
       afin. . .
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L3
            666 S 4-HYDROXYTAMOXIFEN/CN
L4
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L5
         256821 S DENSITY
L6
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              2 S L6 AND L3
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     FILE 'REGISTRY' ENTERED AT 16:30:42 ON 10 AUG 2005
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     FILE 'CAPLUS' ENTERED AT 16:30:43 ON 10 AUG 2005
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         101462 S BREAST OR MAMMAR?
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L12
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L17
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          69226 S L17 (S) L10
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            111 S L29 AND DENSITY
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L38
             11 S L37 AND DENSIT?
L39
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          5061 TAMOXIFEN
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L41
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L47 NOT FOUND
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of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).
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L43
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=> s 143 and 126
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L44 58 L43 AND L26

=> s 144 and percutan?

11391 PERCUTAN?

L45 6 L44 AND PERCUTAN?

=> s 145 and densit?

179779 DENSIT?

L46 6 L45 AND DENSIT?

=> s densit? (S) 125

179779 DENSIT?

L47 1644 DENSIT? (S) L25

=> s 147 and 146

L48 2 L47 AND L46

=> d ibib 1-2

L48 ANSWER 1 OF 2

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2005 Univentio on STN 2004087123 PCTFULL ED 20041019 EW 200442

TITLE (ENGLISH): PREVENTION AND TREATMENT OF BREAST

CANCER WITH 4-HYDROXY TAMOXIFEN

TITLE (FRENCH):

PREVENTION ET TRAITEMENT DU CANCER DU SEIN A L'AIDE DE

4-HYDROXY TAMOXIFENE

INVENTOR(S):

SALIN-DROUIN, Dominique, 32, rue des Gatines, F-91370

Verrieres-le-Buisson, FR;

WEPIERRE, Jacques, 1, rue Valoise, F-77166 Grisy

Suisnes, FR;

ROUANET, Philippe, 154, rue des Quatre Seigneurs,

F-34090 Montpellier, FR

PATENT ASSIGNEE(S):

LABORATOIRES BESINS INTERNATIONAL, 5, rue du Bourg

l'Abbe, F-75003 Paris, FR [FR, FR]

AGENT:

NARGOLWALLA, Cyra\$, Cabinet Plasseraud, 65/67, rue de

la Victoire, F-75440 Paris Cedex 09\$, FR

LANGUAGE OF FILING:

LANGUAGE OF PUBL.: DOCUMENT TYPE:

PATENT INFORMATION:

English English Patent

NUMBER KIND DATE
----WO 2004087123 A1 20041014

DESIGNATED STATES

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RW (ARIPO):

BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

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RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU ·

MC NL PT RO SE SI SK TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2003-EP15029 A 20031215 PRIORITY INFO.: US 2003-60/458,963 20030401

L48 ANSWER 2 OF 2 ACCESSION NUMBER:

TITLE (ENGLISH):

PCTFULL COPYRIGHT 2005 Univentio on STN 2004054558 PCTFULL ED 20040707 EW 200427

REDUCTION OF BREAST DENSITY WITH

4-HYDROXY TAMOXIFEN

TITLE (FRENCH): REDUCTION DE LA DENSITE MAMMAIRE A L'AIDE DE

4-HYDROXY TAMOXIFENE

INVENTOR(S): BUA, Jay, 3100 Saddle Crest Lane, Oakton, VA 22124, US

```
PATENT ASSIGNEE(S):
                        LABORATOIRES BESINS INTERNATIONAL, 5, rue du Bourg
                        l'Abbe, F-75003 Paris, FR [FR, FR]
AGENT:
                        NARGOLWALLA, Cyra$, Cabinet Plasseraud, 65/67, rue de
                        la Victoire, F-75440 Paris Cedex 9$, FR
LANGUAGE OF FILING:
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LANGUAGE OF PUBL.:
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APPLICATION INFO.:
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PRIORITY INFO.:
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L2
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L3
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L4
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L5
         256821 S DENSITY
L6
           1500 S L5 (S) L4
L7
              2 S L6 AND L3
     FILE 'CAPLUS' ENTERED AT 16:30:37 ON 10 AUG 2005
                S 4-HYDROXYTAMOXIFEN/CN
     FILE 'REGISTRY' ENTERED AT 16:30:42 ON 10 AUG 2005
L8
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     FILE 'CAPLUS' ENTERED AT 16:30:43 ON 10 AUG 2005
L9
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L10
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L11
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L12
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L13
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L15 .
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         34444 S BREAST OR MAMMAR?
L26
         26782 S L24 (S) L25
L27
        209738 S DENS?
L28
        15333 S L27 AND L26
L29
           118 S L28 AND L23
L30
            18 S L29 AND DENSE
L31
           111 S L29 AND DENSITY
L32
          1644 S L25 (S) DENSIT?
L33
            22 S L32 AND L23
L34
            10 S L33 NOT PY>2001
         11391 S PERCUTAN?
L35
            17 S L35 AND L23
L36
L37
            16 S L36 AND L26
L38
            11 S L37 AND DENSIT?
L39
             1 S L23/AB
L40
          5061 S TAMOXIFEN
L41
            25 S L40/TI ·
L42
            67 S L40/AB
L43
            70 S L42 OR L41
L44
           58 S L43 AND L26
L45
            6 S L44 AND PERCUTAN?
L46
            6 S L45 AND DENSIT?
L47
          1644 S DENSIT? (S) L25
             2 S L47 AND L46
L48
---Logging off of STN---
```

=>
. Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.43	62.21
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.73

STN INTERNATIONAL LOGOFF AT 16:42:33 ON 10 AUG 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
Welcome to STN International
NEWS
      1
                 Web Page URLs for STN Seminar Schedule - N. America
                 "Ask CAS" for self-help around the clock
NEWS
      2
         FEB 28
                 PATDPAFULL - New display fields provide for legal status
NEWS
                 data from INPADOC
NEWS
        ·FEB 28
      4
                 BABS - Current-awareness alerts (SDIs) available
NEWS
      5
         MAR 02
                 GBFULL: New full-text patent database on STN
                 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS
      6
         MAR 03
         MAR 03
NEWS
      7
                 MEDLINE file segment of TOXCENTER reloaded
        MAR 22
NEWS
     8
                 KOREAPAT now updated monthly; patent information enhanced
NEWS
     9 MAR 22
                 Original IDE display format returns to REGISTRY/ZREGISTRY
     10 MAR 22
NEWS
                 PATDPASPC - New patent database available
NEWS
     11 MAR 22
                 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS
     12 APR 04
                 EPFULL enhanced with additional patent information and new
                 fields
NEWS
      13 APR 04
                 EMBASE - Database reloaded and enhanced .
      14 APR 18
NEWS
                 New CAS Information Use Policies available online
NEWS
     15 APR 25
                 Patent searching, including current-awareness alerts (SDIs),
                 based on application date in CA/CAplus and USPATFULL/USPAT2
                 may be affected by a change in filing date for U.S.
                 applications.
NEWS
      16 APR 28
                 Improved searching of U.S. Patent Classifications for
                 U.S. patent records in CA/CAplus
NEWS
      17 MAY 23
                 GBFULL enhanced with patent drawing images
NEWS
      18 MAY 23
                 REGISTRY has been enhanced with source information from
                 CHEMCATS
NEWS
      19 JUN 06
                 The Analysis Edition of STN Express with Discover!
                 (Version 8.0 for Windows) now available
NEWS
      20 JUN 13
                 RUSSIAPAT: New full-text patent database on STN
      21 JUN 13
NEWS
                 FRFULL enhanced with patent drawing images
NEWS
      22 JUN 27
                 MARPAT displays enhanced with expanded G-group definitions
                 and text labels
NEWS
      23 JUL 01
                 MEDICONF removed from STN
NEWS
      24 JUL 07
                 STN Patent Forums to be held in July 2005
      25 JUL 13
NEWS
                 SCISEARCH reloaded
NEWS
      26 JUL 20
                 Powerful new interactive analysis and visualization software,
                 STN AnaVist, now available
NEWS EXPRESS
              JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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              STN Operating Hours Plus Help Desk Availability
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              Welcome Banner and News Items
NEWS PHONE
              Direct Dial and Telecommunication Network Access to STN
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              CAS World Wide Web Site (general information)
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\* \* \* STN Columbus \* \* \* .\* \* \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:51:47 ON 11 AUG 2005

=> file pctfull COST IN U.S. DOLLARS